



HAIR CARE SOLUTIONS

Polycare® Split Therapy

*Hydroxypropyl Guar Hydroxypropyl
Trimonium Chloride*

A naturally-derived haircare active that provides superior and longer lasting repair vs competition. More than 90% repair from first serum use and resistance to washings (>10), combings (>20) as well as heat exposure. Polycare® Split Therapy is versatile in both leave-on and wash-off applications with repair benefits. It is ideal to create a holistic routine from shampoos to conditioners and serums.

Recommended use
level: 0,5%
as supplied

Naturally-
derived
with guar as
backbone,
RCI* = 79%

Repairs
split end
by as
much as
90%

Appearance
Fine yellow
powder

**Strong
sensory
benefits
with no
build up**

Enjoy **shiny,
healthy &
beautiful
long hair**

Mackaderm® LIA

Isoamyl Laurate

With 100% vegetable origin and COSMOS certification, this technology displays equivalent performance profile to the amodimethicone-based formulas in shampoos and conditioners. It addresses consumer concerns about sustainability (**CDV (Critical Dilution Value) = 55 L/g (silicone= 909 626 L/g)**), efficacy contributing to also making the whole sensorial experience more pleasurable. It is a real winning silicone alternative.

It can be formulated in crystal-clear shampoos up to 2% without adding a solubilizer

More universal than natural oils (damage level, cleanliness/performance balance).

Equivalent hair softness, lightweightness & fluidity to silicone with less build-up.

Appearance
Clear liquid

Process
Enzymatic catalysis

Provides a light, non-greasy texture to **the hair** as well for **the skin**

Jaguar® EXCEL

Guar Hydroxypropyl Trimonium Chloride

A unique bio-based conditioning polymer ideal for transparent formulations optimized to deliver effective wet & dry conditioning to normal and slightly damaged hair with no build-up. Thanks to its good compatibility with anionic and amphoteric surfactants, it allows to deliver stable & high foam volume contributing to also making the whole sensorial experience more pleasurable.

Recommended use level: 0,1-0,3% as supplied

COSMOS validated & Naturally-derived with a RCI* = 85 %

Suitable for crystal clear / transparent in all surfactant chassis

Appearance
Fine yellow powder

Self-hydrated
grade

Normal to slightly damaged hair

Jaguar® C162

Hydroxypropyl Guar Hydroxypropyl Trimonium Chloride

A unique double-derivatized guar suitable for transparent formulation which provides good conditioning to moderately damaged hair with nude feel. Combined with oils, esters, silicones, either in clear or opaque formulas, it can address damaged to over-processed hair.

Recommended use level: 0,1-1% as supplied

Allows to stabilize foam & imparts conditioning

Suitable for crystal clear & transparent formulation

Appearance
Fine yellow powder

For fine hair*

Damaged to **over-processed hair****

Jaguar® OPTIMA

Guar Hydroxypropyl Trimonium Chloride

A unique bio-based conditioning polymer optimized to deliver wet and dry hair conditioning benefits without weighing hair down. It is also an excellent additive to aid in the deposition of finely dispersed ingredients onto hair and scalp. It is an alternative to polyquaternium-10.

Recommended use level: 0,2-1% as supplied

COSMOS validated & Naturally-derived with a RCI* = 79%

Outstanding conditioning performance in sulfate-free and silicone-free formulations

Appearance
Fine yellow powder

Most Versatile
Cationic guar grade

Delivers **best in-class wet and dry conditioning**

Alkamuls® PEG-16 CO

PEG-18 Castor Oil Dioleate

Multi-functional solubilizing agent for cleansing formulations (shampoo, body wash, facial wash...) noticeably allowing the formulation of high performing clear oil-infused shampoos without the need of added silicones, enabling formulators to satisfy consumers demand for natural and gentler offerings with no trade-off on hair care performance.

Recommended use level:
0,5 – 1,5%
with oil to
solubilizer
ratio ~ 1:1

Solubilize
high level of
oil with good
foam
attributes

As high as
5 % oils in
a clear
system

Appearance
Clear yellow
liquid

RSPO MB
with $I_{NO}^* =$
0,71

Delivers
softness to
the hair through
natural oils in a
clear system

Miracare® SOFT S-525

ID Card

A ready-to-use performance chassis designed to help formulators to resolve the difficult challenge of designing high-performance and sulfate-free formulations. It can be supplemented with different kinds of anionic as secondary surfactants to fine-tune the consumers' experience and benefits (flash-foam, texture, conditioning) in order to customize different types of finished products.

A toolbox with broad, unrivaled flexibility

From transparency to opaque formulation which targets normal to damaged hair

Recommended use level: 20 to 30 % as is with an anionic surfactant at 5 to 7 % in active

INCI name
Sodium Cocoyl Isethionate, Decyl Glucoside, Cocamide MIPA, Sodium Methyl Oleyl Taurate, Cocamidopropyl Hydroxysultaine

Appearance
Liquid form

Delivers **speed-to-market** & salon-tested performance

Ηλεκτροχημική
Cocamidopropyl
Hydroxysultaine

βελτισμική
performance

Mackine® 301U

ID Card

An amido amine which provides excellent conditioning and combability when formulated in all kinds of conditioning applications. A good alternative to quaternary surfactants as it has a performance spectrum very close to the one of CTAC. Gentle cleansing with deep care in one step procedure, without using traditional sulfated surfactants. New sensory experience, time saving, water saving, and less color fading are also strong additional benefits of this new category

Recommended use level: 1 to 2%

Volume, weightless shine no build up wash fastness

Ideal for moderate to intensive care for fine hair

INCI
Stearamidopropyl dimethylamine
(SAPDMA)
Quat-free

Appearance
Waxy Pastilles or Waxy Flake

Can be used to formulate both **conditioners & cleansing conditioners**

Mirataine® CBS/ Mackam® CBS 50 GE

Cocamidopropyl hydroxysultaine

Extreme mildness with powerful cleansing. High volume and sebum tolerant foam. Ideal choice for luxurious shampoos, with rich wet feel and excellent rinseability. Excellent in facial wash, especially at lower pH.

High
volume,
stable
foaming

Naturally
high active

Mildness
with great
cleansing
& feel

Appearance
Clear liquid

Stable on a
**wide pH-
range**

Mildness with
power, and
rich foaming
for shampoo
and personal
wash